

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

Claim 1 (previously presented): A glass/plastic composite film for use in electronic components and devices such as displays, said composite film comprising: a glass film having opposed side surfaces and a thickness of between 10 μm and 500 μm and a non-self supporting polymer coating applied on at least one of said side surfaces of said glass film with a thickness of between 1 μm and 200 μm , with the polymer coating being applied directly to said at least one of said side surfaces, and wherein at least one side of said composite film has an optical retardation that is not more than 20 nm.

Claim 2 (previously presented): A glass/plastic composite film as claimed in claim 1, wherein at least one side surface of said composite film has a waviness of less than 100 nm.

Claim 3 (previously presented): A glass/plastic composite film as claimed in claim 2, wherein at least one side surface of said composite film has a roughness of $R_T > 30$ nm.

Claim 4 (previously presented): A glass/plastic composite film as claimed in claims 1, wherein both sides of said composite film have a surface with a waviness of less than 100 nm and a roughness R_T of less than 30 nm.

Claim 5 (previously presented): A glass/plastic composite film as claimed in claim 1, wherein the glass thickness is 10 to 400 μm .

Claim 6 (previously presented): A glass/plastic composite film as claimed in claim 1, wherein the thickness of the polymer coating is 2 to 100 μm .

Claim 7 (previously presented): A glass/plastic composite film as claimed in claim 1, wherein the polymer coating covers ~~on~~ at least one edge of said glass film.

Claim 8 (previously presented): A glass/plastic composite film as claimed in claim 1, wherein the polymer coating has a modulus of elasticity of $< 5,000 \text{ N/mm}^2$.

Claim 9 (previously presented): A glass/plastic composite film as claimed in claim 1, wherein the transmission of the glass/plastic composite film is more than 90% of the transmission of said glass film when said glass film is uncoated and the haziness caused by the polymer coating increases the haziness of the composite film by less than 1% in comparison to said glass film when said glass film is uncoated.

Claim 10 (previously presented): A glass/composite film as claimed in claim 1, wherein said at least one side of said composite film has a surface wherein the roughness of the surface is $R_T \leq 20 \text{ nm}$, the waviness of the surface is $\leq 80 \text{ nm}$, and the optical retardation of said at least one side of said composite film is not more than 15 nm.

Claim 11 (currently amended): A glass/plastic composite film as claimed in ~~one of the claims 1 to 10~~ claim 1, wherein the composite film is temperature-stable up to 130°C , and up to 140°C in the case of short-term heating.

Claim 12 (previously presented): A glass/plastic composite film as claimed in claim 1, wherein the polymer coating consists of a silicone polymer, a sol-gel polymer, a polycarbonate, a polyether sulphone, a polyacrylate, a polyimide, a cyclo-olefine polymer or a polyarylate.

Claim 13 (previously presented): A glass/plastic composite film as claimed in claim 1, wherein the glass film consists of a borosilicate glass.

Claims 14-24 (canceled)

Claim 25 (previously presented): The application of the glass/plastic composite film as claimed in claim 1 for the production of a display comprising one of a liquid crystal

Application Serial No. 09/869,975
Amendment dated August 27, 2004
Reply to Final Office Action dated April 2, 2004

display and a light-emitting coating display wherein said display is adapted for use in electronic components and optoelectronic devices.

Claim 26 (previously presented): A glass/plastic composite film as claimed in claim 1, wherein said polymer coating thickness is between 1 μm and 100 μm .

Claim 27 (previously presented): A glass/plastic composite film as claimed in claim 1, wherein said glass film thickness is between 10 μm and 200 μm .

Claim 28 (previously presented): A glass/plastic composite film as claimed in claim 1, wherein said glass film thickness is between 10 μm and 100 μm .

Claim 29 (previously presented): A glass/plastic composite film as claimed in claim 1, wherein said polymer coating thickness is between 2 μm and 50 μm .

Claim 30 (previously presented): A glass/plastic composite film as claimed in claim 1, wherein said polymer coating has a modulus of elasticity of less than 2,600 N/mm².

Claim 31 (previously presented): A glass/plastic composite film as claimed in claim 1, wherein said polymer coating has a modulus of elasticity of less than 1,500 N/mm².

Claim 32 (previously presented): A glass/plastic composite film as claimed in claim 10, wherein said roughness of the surface is $R_T \leq 10 \text{ nm}$.

Claim 33 (previously presented): A glass/plastic composite film as claimed in claim 10, wherein said waviness of the surface is $\leq 50 \text{ nm}$.

Claim 34 (previously presented): A glass/plastic composite film as claimed in claim 11, wherein the composite film is temperature stable up to 180°C in the case of short term heating.

Claim 35 (previously presented): A glass/plastic composite film as claimed in claim 11, wherein the composite film is temperature stable up to 200°C in the case of short term heating.

Claim 36 (previously presented): A glass/plastic composite film as claimed in claim 1, wherein the glass film consists of an alkali free borosilicate glass.

Claim 37 (previously presented): A glass/plastic composite film for use in electronic components and devices such as displays, said composite film comprising: a glass film having opposed side surfaces and a thickness of between 10 µm and 500 µm and a non-self supporting polymer coating applied on at least one of said side surfaces of said glass film with a thickness of between 1 µm and 200 µm with the polymer coating being coated directly to at least one of said side surfaces, and wherein at least one side of said composite film has an optical retardation that is not more than 20 nm.

Claim 38 (previously presented): A glass/plastic composite film as claimed in claim 37 wherein at least one side surface of said composite film has a waviness of less than 100 nm.

Claim 39 (previously presented): A glass/plastic composite film as claimed in claim 38 wherein the at least one side surface of said composite film has a roughness $R_T > 30$ nm.

Claim 40 (previously presented): A glass/plastic composite film as claimed in claim 37 wherein both side surfaces of said composite film have a waviness of less than 100 nm and a roughness R_T of less than 30 nm.

Claim 41 (previously presented): A glass/plastic film as claimed in claim 37 wherein the glass thickness is 10 to 400 µm.

Claim 42 (previously presented): A glass/plastic composite film as claimed in claim 37 wherein the thickness of the polymer coating is 2 to 100 µm.

Claim 43(previously presented): A glass/plastic composite film as claimed in claim 37 wherein the polymer coating also covers at least one edge of said glass film.

Claim 44 (previously presented): A glass/plastic composite film as claimed in claim 37 wherein the polymer coating has a modulus of elasticity of $< 5,000 \text{ N/mm}^2$.

Claim 45 (previously presented): A glass/plastic composite film as claimed in claim 37 wherein the transmission of the glass/plastic composite film is more than 90% of the transmission of said glass film when said glass film is uncoated and the haziness caused by the polymer coating increases the haziness of the composite film by less than 1% in comparison to said glass film when said glass film is uncoated.

Claim 46 (previously presented): A glass/plastic composite film as claimed in claim 37 wherein said at least one side of said composite film has a surface wherein the roughness of the surface R_T is $\leq 20 \text{ nm}$, the waviness of the surface is $\leq 80 \text{ nm}$, and the optical retardation of said at least one side of said composite film is not more than 15 nm.

Claim 47 (previously presented): A glass/plastic composite film as claimed in claim 46, wherein said roughness of the surface is $R_T \leq 10 \text{ nm}$.

Claim 48 (previously presented): A glass/plastic composite film as claimed in claim 46, wherein said waviness of the surface is $\leq 50 \text{ nm}$.

Claim 49 (previously presented): A glass/plastic composite film as claimed in claim 37 wherein the composite film is temperature-stable up to 130°C , and up to 140°C in the case of short-term heating.

Claim 50 (previously presented): A glass/plastic composite film as claimed in claim 49, wherein the composite film is temperature stable up to 180°C in the case of short term heating.

Application Serial No. 09/869,975
Amendment dated August 27, 2004
Reply to Final Office Action dated April 2, 2004

Claim 51 (previously presented): A glass/plastic composite film as claimed in claim 49, wherein the composite film is temperature stable up to 200°C in the case of short term heating.

Claim 52 (previously presented): A glass/plastic composite film as claimed in claim 37 wherein the polymer coating consists of a silicone polymer, a sol-gel polymer, a polycarbonate, a polyether sulphone, a polyacrylate, a polyimide, a cyclo-olefine polymer or a polyarylate.

Claim 53 (previously presented): A glass/plastic composite film as claimed in claim 37 wherein the glass film consists of a borosilicate glass.

Claim 54 (previously presented): A glass/plastic composite film as claimed in claim 37, wherein said polymer coating thickness is between 1 µm and 100 µm.

Claim 55 (previously presented): A glass/plastic composite film as claimed in claim 37, wherein said glass film thickness is between 10 µm and 200 µm.

Claim 56 (previously presented): A glass/plastic composite film as claimed in claim 37, wherein said glass film thickness is between 10 µm and 100 µm.

Claim 57 (previously presented): A glass/plastic composite film as claimed in claim 37, wherein said polymer coating thickness is between 2 µm and 50 µm.

Claim 58 (previously presented): A glass/plastic composite film as claimed in claim 37, wherein said polymer coating has a modulus of elasticity of less than 2,600 N/mm².

Claim 59 (previously presented): A glass/plastic composite film as claimed in claim 37, wherein said polymer coating has a modulus of elasticity of less than 1,500 N/mm².

Claim 60 (previously presented): A glass/plastic composite film as claimed in claim 37, wherein the glass film consists of an alkali free borosilicate glass.

Claim 61 (previously presented): A glass/plastic composite film for use in electronic components and devices such as displays, said composite film comprising a glass film having opposed side surfaces and a thickness of between 10 μm and 500 μm and a non-self supporting polymer coating applied on at least one of said side surfaces of said glass film with a thickness of between 1 μm and 200 μm with the polymer coating being coated directly to at least one of said side surfaces, and wherein at least one side of said composite film has an optical retardation that is not more than 20 nm and wherein coating the polymer coating directly to at least one of said side surfaces is selected from the group of spinning, spray spinning, casting, rolling, spraying or dipping.

Claim 62 (previously presented): A glass/plastic composite film as claimed in claim 61 wherein said polymer coating has a thickness of between 1 μm and 100 μm .

Claim 63 (new): A glass/plastic composite film for use in electronic components and devices such as displays, said composite film comprising:

a glass-film having opposed side surfaces and a thickness of between 10 μm and 500 μm and a non-self supporting polymer coating applied on at least one of said surfaces of said glass-film with a thickness of between 1 μm and 200 μm , with the polymer coating being applied directly to said at least one of said side surfaces and wherein at least one side of said composite film has an optical retardation that is not more than 20 nm and wherein the polymer coating consists essentially of at least one of the following groups of polymers:

- a silicone polymer
- a sol-gel-polymer
- a polycarbonate
- a polyether-sulphone
- a polyacrylate
- a cyclo-olefin polymer
- a polyarylate.

Claim 64 (new): A glass/plastic composite film as claimed in claim 63, wherein at least one side surface of said composite film has a waviness of less than 100 nm.

Claim 65 (new): A glass/plastic composite film as claimed in claim 63, wherein at least one side surface of said composite film has a roughness of $R_T > 30$ nm.

Claim 66 (new): A glass/plastic composite film as claimed in claims 63, wherein both sides of said composite film have a surface with a waviness of less than 100 nm and a roughness R_T of less than 30 nm.

Claim 67 (new): A glass/plastic composite film as claimed in claim 63, wherein the glass thickness is 10 to 400 μm .

Claim 68 (new): A glass/plastic composite film as claimed in claim 63, wherein the thickness of the polymer coating is 2 to 100 μm .

Claim 69 (new): A glass/plastic composite film as claimed in claim 63, wherein the polymer coating covers at least one edge of said glass film.

Claim 70 (new): A glass/plastic composite film as claimed in claim 63, wherein the polymer coating has a modulus of elasticity of $< 5,000 \text{ N/mm}^2$.

Claim 71 (new): A glass/plastic composite film as claimed in claim 63, wherein the transmission of the glass/plastic composite film is more than 90% of the transmission of said glass film when said glass film is uncoated and the haziness caused by the polymer coating increases the haziness of the composite film by less than 1% in comparison to said glass film when said glass film is uncoated.

Claim 72 (new):: A glass/composite film as claimed in claim 63, wherein said at least one side of said composite film has a surface wherein the roughness of the surface is $R_T \leq 20$ nm, the waviness of the surface is ≤ 80 nm, and the optical retardation of said at least one side of said composite film is not more than 15 nm.

Claim 73 (new): A glass/plastic composite film as claimed in claim 63, wherein the composite film is temperature-stable up to 130°C, and up to 140°C in the case of short-term heating.

Claim 74 (new): A glass/plastic composite film as claimed in claim 63, wherein the glass film consists of a borosilicate glass.

Claim 75 (new): The application of the glass/plastic composite film as claimed in claim 63 for the production of a display comprising one of a liquid crystal display and a light-emitting coating display wherein said display is adapted for use in electronic components and optoelectronic devices.

Claim 76 (new): A glass/plastic composite film as claimed in claim 63, wherein said polymer coating thickness is between 1 μm and 100 μm .

Claim 77 (new): A glass/plastic composite film as claimed in claim 63, wherein said glass film thickness is between 10 μm and 200 μm .

Claim 78 (new): A glass/plastic composite film as claimed in claim 63, wherein said glass film thickness is between 10 μm and 100 μm .

Claim 79 (new): A glass/plastic composite film as claimed in claim 63, wherein said polymer coating thickness is between 2 μm and 50 μm .

Claim 80 (new): A glass/plastic composite film as claimed in claim 63, wherein said polymer coating has a modulus of elasticity of less than 2,600 N/mm².

Claim 81 (new): A glass/plastic composite film as claimed in claim 63, wherein said polymer coating has a modulus of elasticity of less than 1,500 N/mm².

Application Serial No. 09/869,975
Amendment dated August 27, 2004
Reply to Final Office Action dated April 2, 2004

Claim 82 (new): A glass/plastic composite film as claimed in claim 72, wherein said roughness of the surface is $R_T \leq 10$ nm.

Claim 83 (new): A glass/plastic composite film as claimed in claim 72, wherein said waviness of the surface is ≤ 50 nm.

Claim 84 (new): A glass/plastic composite film as claimed in claim 73, wherein the composite film is temperature stable up to 180°C in the case of short term heating.

Claim 85 (new): A glass/plastic composite film as claimed in claim 73, wherein the composite film is temperature stable up to 200°C in the case of short term heating.

Claim 86 (new): A glass/plastic composite film as claimed in claim 63, wherein the glass film consists of an alkali free borosilicate glass.